SHEET <u>1</u> OF <u>7</u>

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EXAMINER'S INITIALS	PATENT NO.	DATE	<u> </u>	NAME	CLASS	SUBCLASS	FILING DATE	
INITIALS	4,796,194	01/03/89	Atherton	NAIVIE	CLASS	SUBCLASS	08/20/86	
_ CXX	5,089,970	02/18/92	Lee et al.				10/05/89	
	5,108,570	04/28/92	Wang			<del>                                     </del>	03/30/90	
<b> </b>	5,220,517	06/15/93	Sierk et al.		_		08/31/90	
<b> </b>	5,236,868	08/17/93	Nulman	- AEO			04/20/90	
	5,260,868	11/09/93		TE AUG.	IVE	<u> </u>	10/15/91	
<b> </b>	5,295,242	03/15/94	Mashruwala et	al CX///a	2.		11/02/90	
	5,309,221	05/03/94	Fischer et al.	"VO/OGV	1002-		12/31/91	
<b></b>	5,329,463	07/12/94	Sierk et al.	· CENTE	0. 9		01/13/93	
	5,367,624	11/22/94	Cooper	AUG 1	1783700-		06/11/93	
	5,398,336	03/14/95	Tantry et al.				06/16/93	
	5,402,367	03/28/95	Sullivan et al.		_		07/19/93	
<b>──</b>	5,408,405	04/18/95	Mozumder et a	l.			09/20/93	
BR	5,410,473	04/25/95	Kaneko et al.		-		12/16/92	
~~		FOR	EIGN PATENT	DOCUMENTS	1	<u>1</u>		
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INITIALS	PATENT NO.	DATE		COUNTRY CLA		SUBCLASS	Yes No	
BB	01-283934	11/15/89	Japan				X	
SA	2,050,247	08/29/91	Canada		_	_	X	
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B.	· · ·			an. "Dielectric CMP		Process Contr	rol Based on	
1/1				Nova Measuring Instudent Interest of Integrated City		essing Technolog	ngy" ng 48	
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EXAMINER'S INITIALS	PATENT NO.	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE	
A)A	5,490,097	02/06/96	Swenson et al.				08/06/93	
- CALL	5,495,417	02/27/96	Fuduka et al.		<b>A</b> -	<u></u>	03/16/93	
	5,497,316	03/05/96	Sierk et al.		- X		04/04/95	
	5,503,707	04/02/96	Maung et al.	ECHNOL	900		09/22/93	
1	5,508,947	04/16/96	Sierk et al.				05/13/94	
	5,629,216	05/13/97	Wijaranakula e	t al.	VI CONTRACTOR		02/27/96	
	5,657,254	08/12/97	Sierk et al.		( )/ <sub>2</sub>		04/15/96	
	5,661,669	08/26/97	Mozumder et al		3		06/07/95	
	5,694,325	12/02/97	Fukuda et al.		-	90	11/22/95	
	5,698,989	12/16/97	Nulman				09/13/96	
	5,719,495	02/17/98	Moslehi				06/05/96	
	5,740,429	04/14/98	Wang et al.		_		07/07/95	
	5,751,582	05/12/98	Saxena et al.		-		09/24/96	
<b>V</b>	5,754,297	05/19/98	Nulman	-			04/14/97	
BB	5,764,543	06/09/98	Kennedy	···		<del></del>	06/16/95	
<u> </u>	I .	FOR	EIGN PATENT	<b>DOCUMENTS</b>				
EXAMINER'S INITIALS	PATENT NO.	DATE	co	UNTRY	CLASS	SUBCLASS	Translation Yes No	
AB	2,165,847	08/29/91	Canada			<u> </u>	X	
BA	2,194,855	08/29/91	Canada				X	
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<i>68</i>	200 - 100 -	991. Handboo	ok of Quality Integ	grated Circuit Manuf	ver experience	38 No 2011 - 1111 - 1220 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	an Diego,	
BK.	Rampalli, Prasad	l, Arakere Ram Managing Equ	nesh, and Nimish	Shah. 1991. CEPT—. and Availability in t	4		•	
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EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING	G DATE
Ba	5,808,303	09/15/98	Schlagheck et a	al.		<del></del>	01/29/	97
	5,838,595	11/17/98	Sullivan et al.			<del>                                     </del>	11/25/	96
	5,883,437	03/16/99	Maruyama et al	l.	-		12/28/	95
<b>V</b>	5,910,011	06/08/99	Cruse				05/12/97	
KR	6,054,379	04/25/00	Yau et al.				02/11/	98
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EXAMINER'S INITIALS	PATENT NO.	DATE	co	UNTRY	CLASS	SUBCLASS	Tran Yes	slation No
BSS	05-151231	06/18/93	Japan		_	_	<u> </u>	X
- CY	05-216896	08/27/93	Japan				<u> </u>	X
	05-266029	10/15/93	Japan	<del> </del>		<del></del>	<u> </u>	X
	06-110894	04/22/94	Japan		_	<u></u>		X
	06-176994	06/24/94	Japan				1	X
	06-252236	09/09/94	Japan					X
	06-260380	09/16/94	Japan					X
	08-149583	06/07/96	Japan				Х	
	09-34535	02/07/97	Japan				Х	
	EP 0877308 A2	11/11/98	Europe				X	
Y	11-67853	03/09/99	Japan				x	
BA	1072967A3	11/21/01	Europe		_	<b>—</b>	X	
	ОТН	ER ART (Inc	luding Author, T	itle, Date, Perti	nent Pages, Et	ic.)	10 A	
<b>%</b>	Moyne, James R., Run-to-Run Contro Michigan: Univers	oller for Plasm sity of Michiga	na Etching." <i>Journ</i> an Display Techno	nal of Vacuum Sc blogy Manufactur	ience and Tech ing Center.	nology. Ann A	Arbor,	
GA.	Moyne, James, Ro Run-to-Run Contro Semiconductor Mo Electrical Enginee	oller and Its A unufacturing C	pplication to Cher Conference and Wo	nical-Mechanica orkshop. Ann Ar	l Planarization bor, Michigan:	." <i>SEMI/IEEE</i> The Universit	Advanc	red
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SHEET <u>4</u> OF <u>7</u>

INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)					APPLICANT Young Joseph PAIK FILING DATE November 30, 2001	SERIAL NO 09/998,3  AUG  GROUP  3723	72	VED PROTOS
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EXAMINER'S INITIALS	PATENT APPLICATION NO.	FILING DATE	NAME		TITLE		CLASS	SUB- CLASS
Ba	09/363,966	07/29/99	Arackaparambil et al.	Comp	outer Integrated Manufacturing	Techniques	<del></del>	<del>-</del>
1	09/469,227	12/22/99	Somekh et al.	Multi- Medit	-Tool Control System, Method	and		1
	09/619,044	07/19/00	Yuan		m and Method of Exporting or at Data in a Manufacturing Execution			
1	09/637,620	08/11/00	Chi et al.	Gener	ric Interface Builder			
BB.	09/656,031	09/06/00	Chi et al.	Manu Service	tching Component for Associat facturing Facility Service Requ ce Providers			
			FOREIGN P	ATEN	T DOCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY		CLASS		SUB- CLASS	Translation Yes No
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SA	Transform In	frared Spec		Real-7	"Epi-Film Thickness Measure Fime in Situ Process Monitoring Vol. 8, No. 3.	_		
68	Moyne, Arno	n Hurwitz, chanical Pl	and John Taylor. anarization Proces	Octobe	nry, James Pugmire, Scott Shell er 1995. "A Multi-Level Appro inneapolis, Minnesota: 42 <sup>nd</sup> Nat	ach to the Co	ontrol of	a
ba	Nakagawa, S. Systematic ar	. Oh, and D nd Random	. Bartelink. Decer	mber 19 nd Waf	oning, J. Chung, K. Chang, G. F 1995. "Using a Statistical Metro Fer-level ILD Thickness Variations Meeting.	logy Framew	ork to Id	entify
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<i>6</i> 6	09/655,542	09/06/00	Yuan	Palettes	Method and Medium for Defi to Transform an Application I e for a Service	_	-		-
	09/725,908	11/30/00	Chi et al.	Dynami Message		_			
	09/800,980	03/08/01	Hawkins et al.		Message Services of Distributed Object Systems  Dynamic and Extensible Task Guide				
	09/811,667	03/20/01	Yuan et al.	Fault To Softwar	_	_			
	09/927,444	08/13/01	Ward et al.	Dynamic Control of Wafer Processing Paths in Semiconductor Manufacturing Processes				<u> </u>	
ER.	09/928,473	08/14/01	Koh	Tool Se	rvices Layer for Providing Toons in Conjunction with Tool Fu	ol Service	-	_	
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OR	February 199	6. "On-Lin	e Integrated Met	rology fo	Schraub, D. Trojan, 4 <sup>th</sup> Stamb r CMP Processing." Santa Cla narization Conference.				юb.
	Smith, Taber, CMP Pad We	Duane Bo	ning, James Moy	ne, Arnoi	n Hurwitz, and John Curry. Jurol." Santa Clara, California:				
<del></del>	Conference.  Boning, Duane, William Moyne, Taber Smith, James Moyne, Roland Telfeyan, Arnon Hurwitz, Scott Shellman, and John Taylor. October 1996. "Run by Run Control of Chemical-Mechanical Polishing." <i>IEEE</i> Trans. CPMT (C), Vol. 19, No. 4, pp. 307-314.								
V	Boning, Duar Shellman, and Trans. CPMT	d John Tayl ( <i>C)</i> , Vol. 1	or. October 199 19, No. 4, pp. 30	6. "Run 1 7-314.	nes Moyne, Roland Telfeyan, A by Run Control of Chemical-M	Arnon Hurwi Iechanical P	tz, Scott olishing."	IEI	
BB	Boning, Duar Shellman, and Trans. CPMT SEMI. [1986]	d John Tayl <i>(C)</i> , Vol. 1 ] 1996. "Sta	or. October 199 19, No. 4, pp. 30 andard for Defini	6. "Run   7-314. ition and	nes Moyne, Roland Telfeyan, A	Arnon Hurwi Iechanical P	tz, Scott olishing."	IEI	
EXAMINER	Boning, Duar Shellman, and Trans. CPMT SEMI. [1986] Maintainabili	d John Tayl <i>(C)</i> , Vol. 1 ] 1996. "Sta	or. October 199 19, No. 4, pp. 30	6. "Run [7-314.	nes Moyne, Roland Telfeyan, A by Run Control of Chemical-M Measurement of Equipment Re	Arnon Hurwi Iechanical P	tz, Scott olishing." ailability,	<i>IEI</i>	

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BB	09/928,474	08/14/01	Krishnamurthy et al.		speriment Management System d Medium	n, Method	-	
	09/943,383	08/31/01	Shanmugasundram		Situ Sensor Based Control of			
<del>  </del>	00/042 055	00/21/01	et al.		emiconductor Processing Proceedback Control of a Chemical		-	<del></del>
26	09/943,955	08/31/01	Shanmugasundram et al.		edback Control of a Chemical blishing Device Providing Man		-	<del></del>
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200					Practical Guide to Semiconduc	ctor Processi	ng. Thir	d Edition
BB.			New York: McGraw-			<u> </u>	3.6	1
1			ed Micro Devises, TV		ruary 11-12, 1998. "Run-to-R	un Control ii	n Micro	electronic
					mpbell, Carlos Pfeiffer, Chris	Bode, Sung 1	Bo Hwa	ng and
	K.S. Balakrish	nan. May	1998. "Automatic Co	ntro	ol in Microelectronics Manufac			
			natica, Vol. 36, pp. 15		illy Automated Chemical-Mec	hanical Plans	rization	Process
					nection (V-MIC) Conference.	namour ram	ai izutioii	1100055
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Y					lifornia: Consilium, Inc.			
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			chure. Oct	ober 1999.	www.consilium.com			
	Moyne, James	October	1999. "Adv	vancements	in CMP Process Automation an	d Control."	Hawaii:	(Invited
	paper and pres	entation to	) Third Inte	rnational Sy	mposium on Chemical Mechan	ical Polishir	g in IC I	Device
	Manufacturing							·
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			al Specifica	ation for CII	M Framework Scheduling Comp	onent." Sa	n Jose, Ca	alifornia.
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					Noel Poduje, Pat Hester, Yong, and Michael Lacy. April 200			
					deling Methods." San Francisc			
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